

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	42334	((size or diameter) with uniform) same ((particle or grain or crystal\$) with (size or diameter))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 08:03
L2	30500	((size or diameter) with maximum) same ((particle or grain or crystal\$) with (size or diameter))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 08:03
L3	98074	((size or diameter) with distribution) same ((particle or grain or crystal\$) with (size or diameter))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 08:03
L4	11332	mono\$1disper\$ same ((particle or grain or crystal\$) with (size or diameter))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 08:04
L5	70	mono\$1disper\$ same ((particle or grain or crystal\$8) with (size or diameter))	USOCR	ADJ	ON	2010/02/24 08:04
L6	5926	((size or diameter) with distribution) same ((particle or grain or crystal\$8) with (size or diameter))	USOCR	ADJ	ON	2010/02/24 08:04
L7	5926	((size or diameter) with distribution) same ((particle or grain or crystal\$8) with (size or diameter))	USOCR	ADJ	ON	2010/02/24 08:04
L8	5623	((size or diameter) with maximum) same ((particle or grain or crystal\$8) with (size or diameter))	USOCR	ADJ	ON	2010/02/24 08:05
L9	8828	((size or diameter) with uniform) same ((particle or grain or crystal\$8) with (size or diameter))	USOCR	ADJ	ON	2010/02/24 08:05
L10	2659	((15 or 16 or 17 or 18) and (alumina! or al2o3 or ((al or aluminum) with oxide))	USOCR	ADJ	ON	2010/02/24 08:06

L11	104	((gamma\$1alumin\$ or gamma\$1al2o3 or gamma\$1al or (gamma adj (al2o3 or al or alumin\$6)))	USOCR	ADJ	ON	2010/02/24 08:06
L12	2555	10 not 11	USOCR	ADJ	ON	2010/02/24 08:15
L15	55	((5 or 16 or 17 or 18) and gibbsite	USOCR	ADJ	ON	2010/02/24 08:18
L16	37	15 not 11	USOCR	ADJ	ON	2010/02/24 08:18
L17	58	12 and (51/309.ccls. or 106/3.ccls. or cmp\$ or chem\$mech\$ or mech \$chem\$)	USOCR	ADJ	ON	2010/02/24 08:19
L19	138510	(1 or 2 or 3 or 4)	US-PGPUB; USPAT	ADJ	ON	2010/02/24 08:21
L20	3651	19 and (gibbsite or gamma\$1alumin\$ or gamma\$1al? sub.2o?sub.3 or gamma\$1al or ((gamma or "gamma.") adj (al?sub.2o? sub.3 or al or alumin\$6)) or gamma\$1al?sub.2)	US-PGPUB; USPAT	ADJ	ON	2010/02/24 08:23
L21	134859	19 not 120	US-PGPUB; USPAT	ADJ	ON	2010/02/24 08:24
L22	4315	21 and (51/309.ccls. or 106/3.ccls. or cmp\$ or chem\$mech\$ or mech \$chem\$)	US-PGPUB; USPAT	ADJ	ON	2010/02/24 08:24
L23	4103	21 and ((slurry or composition or dispersion) with (abrasive or polishing))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 08:25
L24	79	12 and ((polishing or abrasive) with (slurry or composition or dispersion))	USOCR	ADJ	ON	2010/02/24 08:26
L25	4422	((22 or 23) and (alumina! or al?sub.2o?sub.3 or "al. sub.2 o.sub.3" or ((al.m/c. or aluminum) with oxide))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 08:29
L31	5	borsella-e\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/24 08:35

L32	5	(borsella-e\$.in. or botti-s\$.in. or giorgi-r\$.in. or martelli-s\$.in. or turto-s\$.in. or zappa-g\$.in. or turtu-s\$.in.) and (laser or laser \$1pyr\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/24 08:37
L33	2087	20 and (((particle or grain or crystal\$) with (size or diameter) with (nm or milli \$ or ang or angstrom or nano\$1meter))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 09:00
L34	2049	25 and (((particle or grain or crystal\$) with (size or diameter) with (nm or milli \$ or ang or angstrom or nano\$1meter))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 09:00
L35	506	25 and (((particle or grain or crystal\$) with (size or diameter) with (nm or milli \$ or ang or angstrom or nano\$1meter)) same (aluminal or al?sub.2o?sub.3 or "al.sub.2 o.sub.3" or ((al.m/c. or aluminum) with oxide)))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 09:01
L36	1294	20 and (((particle or grain or crystal\$) with (size or diameter) with (nm or milli \$ or ang or angstrom or nano\$1meter)) same (gamma\$al?sub.2\$ or gamma\$1alumin\$ or gibbsite or gamm\$1al or "gamma." or aluminal or al?sub.2o?sub.3 or "al.sub.2 o.sub.3" or ((al.m/c. or aluminum) with oxide)))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 09:02
L37	269	25 and (((particle or grain or crystal\$) with (size or diameter) with (nm or milli \$ or ang or angstrom or nano\$1meter)) same (aluminal or al?sub.2o?sub.3 or "al.sub.2 o.sub.3" or ((al.m/c. or aluminum) with oxide)))	US-PGPUB	ADJ	ON	2010/02/24 09:05
L38	237	35 not 37	US-PGPUB; USPAT	ADJ	ON	2010/02/24 09:11

L39	3218	21 and (51/309.ccls. or 106/3.ccls. or cmp\$ or chem\$mech\$polish\$ or mech\$chem\$polish\$ or (polish\$ with (chem\$mech\$ or mech\$chem\$)))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 09:23
L40	5358	(39 or 23) not 35	US-PGPUB; USPAT	ADJ	ON	2010/02/24 09:24
L41	3342	40 and (alumina! or al?sub.2o?sub.3 or "al.sub.2 o.sub.3" or ((al.m/c. or aluminum) with oxide))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 09:24
L42	516	20 and (((particle or grain or crystal\$) with (size or diameter) with (nm or milli \$ or ang or angstrom or nano\$1meter)) same (gamma\$al?sub.2\$ or gamma\$1alumin\$ or gibbsite or gamm\$1al or "gamma." or alumina! or al?sub.2o?sub.3 or "al.sub.2 o.sub.3" or ((al.m/c. or aluminum) with oxide)))	US-PGPUB	ADJ	ON	2010/02/24 09:25
L43	778	36 not 42	US-PGPUB; USPAT	ADJ	ON	2010/02/24 09:26
L44	1	("4657754").PN.	US-PGPUB; USPAT	OR	OFF	2010/02/24 10:20
L45	2	((("4910155") or ("4956313")).PN.	US-PGPUB; USPAT	OR	OFF	2010/02/24 10:30
L46	416	nanophase technologies	US-PGPUB; USPAT	ADJ	ON	2010/02/24 10:50
L47	16	(nanophase technologies). as.	US-PGPUB; USPAT	ADJ	ON	2010/02/24 10:51
L48	1	("5128081").PN.	US-PGPUB; USPAT	OR	OFF	2010/02/24 10:54
L49	400	46 not 47	US-PGPUB; USPAT	ADJ	ON	2010/02/24 10:57
L50	33	49 and (gibbsite or gamma\$1alumin\$ or gamma\$1al?sub.2o?sub.3 or gamma\$1al or ((gamma or "gamma.") adj (al?sub.2o?sub.3 or al or alumin\$6)) or gamma\$1al?sub.2)	US-PGPUB; USPAT	ADJ	ON	2010/02/24 10:57
L51	1	("6048577").PN.	US-PGPUB; USPAT	OR	OFF	2010/02/24 11:12
L52	3342	41 not 36	US-PGPUB; USPAT	ADJ	ON	2010/02/24 11:13

L53	2223	52 and ((content or amount) with (solid or particle or alumina! or al? sub.2o?sub.3 or "al.sub.2 o.sub.3" or ((al.m/c. or aluminum) with oxide)))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 11:15
L54	2041	52 and ((wt? or wt or weight) with (solid or particle or alumina! or al? sub.2o?sub.3 or "al.sub.2 o.sub.3" or ((al.m/c. or aluminum) with oxide)))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 11:16
L55	2580	53 or 54	US-PGPUB; USPAT	ADJ	ON	2010/02/24 11:16
L56	447	55 and @pd<"19980819"	US-PGPUB; USPAT	ADJ	ON	2010/02/24 11:16
L57	1	("6001730").PN.	US-PGPUB; USPAT	OR	OFF	2010/02/24 11:36

**EAST Search History (Interference)**

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**2/ 24/ 10 11:37:52 AM****C:\ Documents and Settings\ckoslow\ My Documents\ EAST\ \ default.wsp**